Please carefully read and save these instructions before attempting to assemble, maintain, install, or operate this product. Observe all safety information to protect yourself and others. Failure to observe the instructions may result in property damage and/or personal injury. Please keep instructions for future reference.

Important Operating Instructions

20 GALLON COMPRESSOR

Model: 7342

CALIFORNIA PROPOSITION 65

WARNING: You can create dust when you cut, sand, drill or grind materials such as wood, paint, metal, concrete, cement, or other masonry. This dust often contains chemicals known to cause cancer, birth defects, or other reproductive harm. Wear protective gear.

WARNING: This product or its power cord may contain chemicals, including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

Important!

When using equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating manual with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, give them these operating instructions as well. We accept no liability for damage or accidents which arise due to non-observance of these instructions and the safety information herein.

SPECIFICATIONS

Running horsepower: 1.5HP
CFM @ 90 PSI: 3.8
Voltage: Single Phase; 120V
Motor: 3200 RPM
Tank: 20 gallons
Oil Lubrication

CAUTION:

FOR YOUR OWN SAFETY, READ INSTRUCTION MANUAL COMPLETELY AND CAREFULLY BEFORE OPERATING THIS COMPRESSOR.

Any failures made in following the safety regulations and instructions may result in an electric shock, fire, and/or serious injury.

SAFETY INSTRUCTIONS

The air compressor should be operated on a dedicated 15-amp circuit. If the circuit does not have 15 free amps available, a larger circuit must be used. Always use more air hose before utilizing extension cords. Low voltage could cause damage to the motor.

If the air compressor is in operation, all guards and covers should be attached or installed correctly. If any guard or cover has been damaged, do not operate the equipment until the proper personnel have correctly repaired the equipment. The power cord should be free of any moving parts, twisting and/or crimping while in use and while in storage.

Surfaces on your air compressor can be hot in operation and can cause serious burns if touched. The equipment should be allowed time to cool before any maintenance is attempted. Items such as the compressor pump and the outlet tube are normally hot during and after operation.

For warranty purchases, please keep your dated proof of purchase. File or attach to the manual for safekeeping.

Operation of the air compressor should always be in a position that is stable. Never use the air compressor on a rooftop or elevated position that could allow the unit to fall or be tipped over. Use additional air hose for elevated jobs.

Always wear approved safety glasses with side shields when the air compressor is in use. Turn off the air compressor and drain the air tank before performing any type of maintenance or disassembly of the hoses or fittings. Never point any nozzle or sprayer toward any part of the body or at other people or animals.

Avoid using the air compressor in confined areas. Always have adequate space (1 foot) on all sides of the air compressor. Also keep children, pets, and others out of the area of operation. This air compressor does not provide breathable air for anyone or any auxiliary breathing device. Spraying material will always need to be in another area away from the air compressor to not allow intake air to damage the air compressor filter.

Never utilize the air compressor in the rain or wet conditions. Any electrical issues or repairs should be performed by authorized personnel such as an electrician and should comply with all national and local electrical codes. The air compressor should also have the proper three prong grounding plug, correct voltage, and adequate fuse protection.

Never operate the compressor near combustible materials, gasoline or solvent vapors. If spraying flammable materials, locate the air compressor at least 50m away from the spray area. Never operate the air compressor indoors or in a confined area.

Always drain the air compressor tank daily or after each use. If the tank develops a leak, then replace the air compressor. Never use the air compressor after a leak has been found or tried to make any modifications to the tank. Never modify the air compressor's factory settings which control the tank pressure or any other function.

INSTALLATION AND ASSEMBLY

This compressor requires no lubrication or oiling. No break in procedure is required.

This air compressor should always be operated in a clean, dry and well ventilated environment. The unit should have a minimum of one foot space on each side. The air filter should be free of debris and dirt.

Extension Cords

Use only a 3 wire extension cord that has a 3 blade grounding plug and a 3 slot receptacle. Make sure the extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current the compressor needs. Cords must not exceed 25 feet and should be No. 12 AWG size. An undersize cord will cause a drop in line voltage resulting in a loss of power and overheating.

Start Up

1. Set the On/Off switch to the off position.
2. Check the air compressor visually for any damage or obstruction.
3. Close the drain valve.
4. Plug the power cord into the proper receptacle.
5. Turn the On/Off switch to the On position and the compressor should start and build air pressure in the tank to cut-out pressure and then shut off automatically.
6. Adjust the regulator to a PSI setting that is recommended for your application.
7. The air compressor is now ready for use.

Turn Off

1. Set the Auto-On/Off lever to the Off position.
2. Unplug the power cord from the receptacle.

3. Set the outlet pressure to zero on the regulator.
4. Remove any air tools or accessories.
5. Open the drain valve allowing air to bleed from the tank. After all of the air has bled from the tank, close the drain valve to prevent debris buildup in the valve.

Water that remains in the tank during storage will corrode and weaken the air tank, which could cause the tank to rupture. To avoid serious injury, be sure to drain the tank after each use or daily.

Check the tank safety valve, and air filter before each use.

Storage

1. Turn the unit off and unplug the power cord.
2. Remove all air hoses, accessories and tools from the compressor.
3. Open the drain valve to bleed all the air from the tank.
4. Close the drain valve.
5. Store the compressor in a clean, dry location.

Troubleshooting Guide

Problem	Possible Solution
Air leaks at the check valve or pressure relief valve	A defective check valve results in a constant air leak at the pressure release valve when there is pressure in the tank and the compressor is shut off. Drain the tank, then remove and clean or replace the check valve.
Air leaks between head and cylinder.	Be sure of proper torque on head bolts. If leak remains, contact a service technician.
Air leak from safety valve.	Operate the safety valve manually by pulling on the ring. If the valve continues to leak when in the closed position, it should be replaced.
Pressure reading on the regulated pressure gauge drops when an accessory is used.	If there is an excessive amount of pressure drop when the accessory is used, replace the regulator. NOTE: Adjust the regulated pressure under flow conditions (while accessory is being used). It is normal for the gauge to show minimal pressure loss during initial use of the tool.
Excessive tank pressure.	Move the Auto-On/Off lever to the Off position. If the unit doesn't shut off, unplug it from the power source and contact a service technician.
Motor will not start.	Make sure power cord is plugged in and the switch is on. Inspect for the proper size fuse in your circuit box. If the fuse was tripped reset it and restart the unit. If repeated tripping occurs, replace the check valve or contact your service technician.
Excessive moisture in the discharge air.	Remove the water in the tank by draining after each use. High humidity environments will cause excessive condensation. Utilize water filters on your air line. NOTE:Water condensation is not caused by compressor malfunction. Be sure the compressor's air output is greater than your tool's air consumption rate.
Air leaks from the tank body or tank welds.	Never drill into weld or otherwise modify the air tank or it will weaken. The tank can rupture or explode. Compressor cannot be repaired. Discontinue use of the air compressor.

Limited Manufacturer Warranty

North American Tool (NAT) Industries makes every effort to ensure that this product meets high quality and durability standards. NAT warrants to the original retail consumer a 1-year limited warranty from the date the product was purchased at retail and each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, or accidents, repairs or alterations, or a lack of maintenance. NAT shall in no event be liable for death, injuries to persons or property, or for incidental, special, or consequential damages arising from the use of our products. To receive service under warranty, the original manufacturer part must be returned for examination by an authorized service center. Shipping and handling charges may apply. If a defect is found, NAT will either repair or replace the product at its discretion.

DO NOT RETURN TO STORE

For Customer Service:
Email: feedback@natitools.com or Call 1-800-348-5004